

PRIZHIVOYT, I. F.

USSR/General Biology. Individual Development.
Regeneration.

B-4

Abs Jour : Ref Zhur-Biol., No 16, 1958, 71614

Author : Prizhivoyt, I. F.

Inst : Kirgizian State Medical Institute.

Title : Regeneration of Skin in Rabbits under Condi-
tions of Partial Decortication.

Orig Pub : Tr. Kirg. gos. med. in-ta, 1956, 8, 64-66

Abstract : In 15 adult rabbits, a section of the cortex
measuring 1 x 2 cm was extirpated from the
central part of the left hemisphere. One month
after the operation, symmetrical round wounds
were made through both ears which had a diam-
eter of 6 mm. In macro- and microscopic observa-
tions, it was found that reparative regeneration

Card : 1/2

USSR/General Biology. Individual Development.
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in both ears proceeds approximately with the same intensity, while in some animals, even a slight acceleration is noted with regeneration of the right ear wound. Clearly, the impairment of the central nervous system does not retard the healing of skin injuries. -- N. P. Bochkov

Card : 2/2

PRIZHIVYI, I.F.

Role of the nervous system in tissue regeneration processes.
Report No.3: Healing of cutaneous wounds through action on the
cerebral cortex [with summary in English]. Biul.eksp.biol.
i med. 46 no.10:109-112 0 '58 (MIRA 11:11)

1. Iz kafedry gistologii (zav. - prof.A.A. Braun) Kirgizskogo
gosudarstvennogo meditsinskogo instituta, g. Frunze. Predstavlena
deystvitel'nym chlenom AMN SSSR V.N. Chernigovskim.

(CEREBRAL CORTEX, physiol.

eff. of excitation on exper. skin wds. healing
(Rus))

(SKIN, wds & inj.

exper. eff. of cerebrocortical excitation on healing
(Rus))

PRIZHIVYTT, I.F.

PRIZEIVOYT, I.F.

Effect of a chemical irritant (osocerite) on the epidermis following local roentgen irradiation. (Biol. eksp. biol. i med. 46 no.12:74-77 D '58. (MIRA 12:1)

1. Iz kafedry gistologii (Zav. - prof. A.A. Braun) Kirgizskogo meditsinskogo instituta, Frunze. Predstavlena deystvitel'nym chlenom AMN SSSR V. N. Chernigovskim.

(SKIN, physiol.

eff. of ozokerite after local x-irradiation (Rus))

(ROENTGEN RAYS, effects,

eff. of ozokerite skin irritation after local irradiation (Rus))

USSR/Human and Animal Physiology. The Skin.

V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27469.

Author : I.F. Prizhivoyt and T. Aubakirov
Inst : The Kirghiz State Medical Institute
Title : The Effect of Ultraviolet Irradiation on the
Epidermis Associated With Stimulation of the
Cerebral Cortex With Caffeine.

Orig Pub: Tr. Kirg. gos. med. in-ta, 1956, 8, 59-63.

Abstract: Rabbits were injected subcutaneously with 0.05
gm/kg of caffeine and sodium benzoate and the
skin of the back and of the inner surface of the
helix was irradiated (with a PRK-2 lamp from a
distance of 30 cm for a period of one to two
minutes). After six days the average thickness
of the epidermis minus the stratum corneum was

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USSR/Human and Animal Physiology. The Skin.

V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27469.

measured, as well as the number of layers in the stratum germinativum and stratum granulosum. Fifteen minutes after irradiation of two parts of the left ear (control), the caffeine was injected into ten rabbits in a single dose, and symmetrical portions of the right ear were irradiated. When irradiation lasted one minute, the average epidermal thickness of the group before and after administration of caffeine did not change. With a two-minute irradiation the reaction increased by 19%. In the case of eight rabbits on daily caffeine, a one-minute irradiation increased the reaction by 29%, and a two-minute irradiation increased it by 47%. In twelve rabbits on daily caffeine, when the

Card : 2/3

USSR/Human and Animal Physiology. The Skin.

V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27469.

back was irradiated following single and multiple injections of caffeine, the reaction increased to the point of inflammation and burns. In the author's opinion, excitation of the cerebral cortex at the time of irradiation plays the chief role in augmenting the reaction to ultraviolet light.

Card : 3/3

128

1. PRIZHIYALKOVSKIY, M. M., Eng.
2. USSR (600)
4. Steam Boilers
7. Reconstruction of the pipe cluster and rear pipe wall of boilers
TKP-1 and PK-6, Elek.sta., 23, No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

VEDERNIKOV, M.; PRIZHKO, M.; PANEVIN, D., starshiy master; KOBOZEV, V., pre-podavatel'

Personnel for the giants of the chemical industry. Prof. tekh. obr.
21 no.1:8-9 Ja '64. (MIRA 17:3)

1. Direktor professional'no-tekhnicheskogo uchilishcha No.53, Luganskaya obl. (for Vedernikov). 2. Zamestitel' direktora professional'no-tekhnicheskogo uchilishcha No.53, Luganskaya obl. (for Prizhko).

VEDERNIKOV, M.; PRIZHKO, M., prepodavatel'; SHEVCHENKO, L., master
proizvodstvennogo obucheniya

Radio electronics laboratory. Prof.-tekh. obr. 20 no.3:6-7 Mr '63.
(MIRA 16:3)

1. Direktor Severodonetskogo tekhnicheskogo uchilishcha No.4 Iuganskoy
oblasti (for Vedernikoy),
(Electronic technicians—Education and training)

VEDERNIKOV, M.; PRIZHKO, M.; KOBAZEY, V., prepodavatel'

Major chemical industrial complexes should have qualified personnel.
Prof.-tekh.obr. 20 no.10:12 0 '63. (MIRA 16:12)

1. Direktor tekhnicheskogo uchilishcha No.4 g. Severodonetska, Luganskaya obl. (for Vedernikov). 2. Zamestitel' direktora tekhnicheskogo uchilishcha No.4 g. Severodonetska, Luganskaya obl. (for Prizhko). 3. Tekhnicheskoye uchilishche No.4 g. Severodonetska, Luganskaya obl. (for Kobazev).

PRIZHUKOV, F.B.

Evaluation of the vegetation of the Luga River flood plains with the
aid of L.G.Ramenskii's ecologic tables. Bot.zhur. 47 no.1:92-95
Ja '62. (MIRA 15:2)

1. Leningradskiy sel'skokhozyaystvennyy institut, Pushkin.
(Luga Valley--Botany)

BELOUSOV, Andrey Danilovich, prof.; PRIZOVSKIY, K.I., red.;
ZVOLINSKIY, S.A., tekhn. red.

[Diesel locomotives; textbook for students of the Scientific
and Research Institute of Railroad Transportation] Teplovozy;
uchebnoe posobie dlia studentov NIIZhTa. Novosibirskii in-t
inzhenerov zhel-dor. transporta, 1961. 199 p. (MIRA 17:1)

ROMANIA

PRJIBYL, J.

(Josef Prjibyl, Doctor in Technical Sciences, is head of the Foundry Section of the School of Mines in Ostrava, Socialist Czechoslovak Republic.)

Bucharest, Studii si Cercetari de Metalurgie, No 4, 1963,
pp 425-442

"Chemical Effect of the Medium on Liquid Steel after its
Evacuation from the Furnace."

PRJIBYL, Josef, dr. in stiinte tehnice

Chemical effect of the medium on liquid steel after its
furnace evacuation. Studii cerc metalurgie 8 no.4:425-442
'63.

1. Seful catedrei de turnatorie la Scoala Superioara de
Mine din Ostrava, R.S.Cehoslovaca.

PRYMAK, H.P.

Organization of the current maintenance and overhauling operations
in sugar factories. Sakh.prom. 37 no.9:10-12 S '63. (MIRA 16:9)

1. Upravleniye sakharney i krakhamalo-patochnoy promyshlennosti
Severo-Kavkazskogo soveta narodnogo khozyaystva.
(Sugar factories --Maintenance and repair)

PRLJEVIC, DRAGUTIN

Istoriski atlas za nacionalnu istoriju; od rimskog perioda do
zavrsetka I svetskog rata - 1919 g. 2. popr. izd. Beograd, Nolit,
1955. 18 p. of col. maps (part fold.) /Historical atlas for national
history; from the Roman period to the end of the First World War, 1919.
2d rev. ed. 7

CU Not in DLC

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 5, No. 12, December 1956

FRENKIN, E.I.; PRIKHOROVA, A.A.; PAUSHKIN, Ya.M.; TOPCHYEV, A.V.

Preparation of phenylboron dibromide by direct synthesis. Izv.
AN SSSR Otd.khim.nauk no.8:1507-1508 Ag '60. (MIRA 15:5)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Boron organic compounds)

CZECHOSLOVAKIA/Farm Animals. Honeybees

Q-6

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 50123

Author : Prnka Josef

Inst : -

Title : Why Do We Prohibit the Import of Foreign Breed Queens

• Orig Pub : Vcelarstvi, 1957, 10, No 7, 101-102

Abstract : The article emphasizes the importance of breeding in apiculture and the significance of local conditions in rearing of bees.

Card : 1/1

PREHLIK, V., [Prehlik, V.] general-lieutenant

The Czechoslovakian People's Army is 10 years old. Vozr. Vozrzh.
311 5 no.19:79-82 0 '64. (MIRA 17:12)

1. Nachal'nik Glavnogo politicheskogo upravleniya chekoslovatskoy
Narodnoy armii.

PRKROVSKIY, G.I., prof., doktor tekhn. nauk, general-mayor inzhenerno-
tekhnicheskoy sluzhby

Steadiness and persistence. Av. i kosm. 47 (ekstr. vyp.): 25-26
0 '64. (MIRA 18:3)

JAKUBOVA, A., inz.; PRNKA, T., inz.; FOLDYNA, V., inz. CSc.

Evaluation of long-lasting creep tests of ferrite-perlite
steels. Sbor VSB Ostrava 9 no.3:379-409 '63.

PRNKA, T., inz.

International symposium, "Problems of the Development and Production
of Fireproof Metallic Materials." Strojiřrenstvi 14 no.11:371 N '64.

Z/032/63/013/004/004/011
E073/E183

AUTHOR: Prnka T., Engineer

TITLE: Laboratory for testing high-temperature steels

PERIODICAL: Strojirenstvi, v.13, no.4, 1963, 302-308

TEXT: The test capacity of the VŽKG creep laboratory increased from 200 000 test hours in 1957 to about 3 500 000 test hours in 1963. Recently, a new large creep laboratory was built which, together with the old one, will have a total annual capacity of 1 200 000 test hours for time-to-rupture tests and 500 000 hours for creep tests. Furthermore, equipment is being introduced which will permit large-batch determination of time-to-rupture and have an additional capacity of 1 800 000 test hours per annum. Several photographs of the equipment used in this laboratory are included. Primarily, the following machines are used: 1) creep-test machine, type 1950; 2) creep-test machine, type 1959; 3) machine for mass creep-testing, type 1961 (in which 225 test bars can be simultaneously tested at 15 different temperatures). The design of this machine is similar to that of equipment marketed by Escher and Wyss of Switzerland. A brief description is given of the equipment used
Card 1/2

Laboratory for testing high- ...

Z/032/63/013/004/004/011
E073/E183

for temperature-control and strain measurements. The following three types of test have been carried out in the laboratory:

a) short-time tests for determining the creep limit in accordance with ČSN 1237-1942; b) long-time tests for determining the breaking strength under creep conditions (10 000 - 100 000 hours at various temperatures) according to ČSN 42 0351; the results are evaluated statistically by applying the Larson-Miller parametric relation and taking into consideration the nonlinear dependence of the parameter on the logarithm of the stress; c) long-time tests for determining the creep limit (limit of permanent deformation) according to ČSN 42 0352; the specimen is clamped and placed into the cold furnace, then heated and allowed to remain for 20 h at the test temperature. The specimen is then preliminarily stressed for 10 min under a load not exceeding 10% of the test load (not higher than 80 kg and not lower than 20 kg). Following that, the load is increased stepwise and the magnitude of elastic deformation is measured after each increase. There are 12 figures and 4 tables.

ASSOCIATION: VŽKG, Ostrava

Card 2/2

PRNKA, T., inz.; FOLDYNA, V., inz. C.Sc.

A national conference on tests of the creeping of selected
Czechoslovak high-temperature steels. Hut listy 17 no.8:593-
594 Ag '62.

Z/032/62/012/012/002/003
E073/E535

AUTHOR: Prnka, T., Engineer

TITLE: Temperature control in long-run creep tests

PERIODICAL: Strojirenství, v.12, no.12, 1962, 928-936 + 941

TEXT: The operation of dilatation, resistance and thermo-electric temperature-control instruments is described and illustrated by brief descriptions of instruments produced by Honeywell, Amsler, TsNIITMASH, Prosser, Hartmann and Braun, Siemens und Halske, Kelvin and Hughes, Kent, Leeds and Northrup. A brief description with a sketch is also given of a new Czech-produced temperature controller with a magnetic amplifier MTR C-107. It consists of three parts: 1) supply unit - ferro-resonance of the voltage stabiliser for stabilising the input voltage to 220 V and a current source for feeding reference value circuits. 2) The controller - two series-connected magnetic amplifiers, an input and an output stage. Both amplifiers are asymmetrical with an internal feed-back. The voltage of the thermocouple is amplified by the input amplifier, the design of which is very exacting. 3) Output stage consisting of a power

Card 1/2

Temperature control ...

Z/032/62/012/012/002/003
E073/E535

transducer. This temperature controller does not contain any moving parts and requires hardly any maintenance. It is a proportional action instrument and the accuracy of the temperature control is better than $\pm 0.5^{\circ}\text{C}$. Of interest in the design of new furnaces for creep tests is to stabilise the voltage and to provide air-conditioning of the entire laboratory, dispensing with the use of temperature controllers. Hagenuk (West Germany) developed a voltage stabiliser for input powers of 100 kW and above, maintaining the voltage with an accuracy of $\pm 0.5\%$. These stabilisers are used in some West German laboratories as well as in the Metallurgy Institute of the Academy of Sciences USSR. The voltage stabilisation is by means of a transformer with induction control - an asynchronous motor with a braked rotor. Slight turning of the rotor changes the inductive load and thus also the output voltage, this turning is effected by means of a special electro-hydraulic drive. There are 15 figures and 1 table. ✓

ASSOCIATION: Výzkumný ústav VŽKG, Ostrava

Card 2/2

PRNKA, T., inz.

Some problems of temperature measuring at long-run creep tests.
Strojirenstvi 12 no.4:303-311 Ap '62.

1. Vyzkumny ustav, Vitkovicke zelezarny Klementa Gottwalda,
Ostrava.

PRNKA, Tasilo, inz.; FODDYNA, Václav, inz. CSc.

Revision of material sheets of Czechoslovak standards.
Normalizace 12 no.2:37-40 F'66

1. Výzkumný ústav metalurgický, Vítkovické železářny Klementa
Gottwaldů.

Z/032/60/010/010/001/002
E073/E535

AUTHORS: Prnka, T. Engineer and Klečka, R.

TITLE: New Machine^W for Long Duration Creep Tests at Elevated Temperatures ^W

PERIODICAL: Strojirenství, 1960, Vol.10, No.10, pp.778-781

TEXT: A new machine has been developed for creep testing of materials at high temperatures which satisfies present-day requirements. It is claimed to be the only creep testing machine with a load exceeding 1000 kg produced on an industrial scale. The machine is suitable for accurate measurement of the changes in the deformation during the tests, which is necessary for determining the creep limits $\sigma_T 0.2$, $\sigma_T 0.5$ and $\sigma_T 1\%$ as well as for testing until failure for the purpose of determining the ultimate strength under creep conditions. The data of the machine are as follows: maximum load 3250 kg; loading accuracy better than 1%; maximum test temperature 900°C; accuracy of measuring the deformation ± 0.001 mm; accuracy of the temperature regulation $\pm 2^\circ\text{C}$ in the entire temperature range; measurement of the temperature with an accuracy of 1°C ; weight 390 kg without the load; required floor space 0.57 m^2 ; ✓

Card 1/3

Z/032/60/010/010/001/002
E073/E535

New Machine for Long Duration Creep Tests at Elevated Temperatures
maximum height 2115 mm; testing is possible of a single test specimen (with the dimensions as shown in Fig.4) measuring its deformation until fracture or of three test specimens (of dimensions as shown in Fig.5) until fracture. The machine and the test method are in accordance with the appropriate ISO specifications. Figs. 1 and 2 show photographs of the machine, which is so designed that two of the machines (one righthand one and one lefthand one) can be placed close together, one thermostat being used for both machines. A single voltage-stabilizer is sufficient for five to six machines and a single temperature-recorder can be used for six machines. The clamping of the specimens during the tests in which the rate of deformation is measured is shown by the line drawing, Fig.6, which also shows the location of the contact thermocouples for measuring the temperature of the specimen at its centre and at two points 40 mm from the centre. The clamping of the specimens for testing the ultimate strength at creep temperatures is shown in the line drawing, Fig.7. A new instrument is incorporated for measuring the elongation of the test specimen with an accuracy of ± 0.001 mm

Card 2/3

Z/032/60/010/010/001/002
E073/E535

New Machine for Long Duration Creep Tests at Elevated Temperatures at temperatures up to 900°C (X - Fig.1, Figs. 6 and 8). The temperature control is to be improved by using a magnetic amplifier. There are 8 figures and 20 references: 4 Czech, 2 Soviet, 3 German, 10 English and 1 International.

ASSOCIATION: Výzkumný ústav VŽKG, Ostrava (Research Institute,
VŽKG, Ostrava)

✓

Card 3/3

PRNKA, T.

Activities of the group of experts on high-temperature materials and
creep tests. Rut li' ty-17 no.2:142-143 F '62.

JAKOBOVA, A., inz.; PRNKA, T., inz.

Ferrite-perlite steels for pipes of power installations. Stroji-
renstvi 15 no.1:36-42 Ja '65.

1. Research Institute of Metallurgy of the Vitkovické železárny
Klementa Gottwalda National Enterprise, Ostrava.

L 62159-65 EWP(w)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b) MJW/JD

ACCESSION NR: AP5019909

CZ/0032/64/014/012/0918/0928

AUTHOR: Prnka, T. (Engineer); Foldyna, V. (Engineer, Candidate of sciences);
Jakobova, A. (Engineer)

TITLE: Heat resistance of Czech boiler steels 15110, 15111, 15123, and 15225

SOURCE: Strojirenstvi, v. 14, no. 12, 1964, 918-928

TOPIC TAGS: low alloy steel, metal creep, metal test, ferritic steel, pearlitic
steel, heat resistant steel/15110 steel, 15111 steel, 15123 steel, 15225 steel

Abstract (Author's English summary, modified): The article
presents the results of long-term creep tests of low-alloy

Card 1/2

L 62159-65

ACCESSION NR: AP5019909

SUBMITTED: 00

ENCL: 00

SUB CODE: NM

NO REF SOV: 003

OTHER: 009

JPES

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343110009-9"

Sub:
Card 2/2

L 9502-66 EWP(w)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b)

JD

ACC NR: AP6002826

SOURCE CODE: CZ/0032/65/015/001/0036/0042

AUTHOR: Jakobova, A. (Engineer); Prnka, T. (Engineer)

ORG: Metallurgical Research Institute VZKG, Ostrava (Vyzkumny ustav metalurgicky VZKG)

TITLE: Ferritic pearlitic steels for pressure tubes operating at high temperatures

SOURCE: Strojirenstvi, v. 15, no. 1, 1965, 36-42

TOPIC TAGS: ferritic steel, pearlitic steel, metal property, solid mechanical property, high temperature metal, heat resistant steel

ABSTRACT: Tables are presented comparing the most important characteristics of 39 brands of Czechoslovak and foreign ferritic-pearlitic steels, particularly their mechanical properties and creep strength at high temperatures. The tables are intended to aid designers in the selection of suitable steels for boilers, turbines, chemical installations and other high-temperature applications. This work was presented by Engr. J. Vodsed'alek, Candidate of sciences. Orig. art. has: 1 figure and 11 tables. [JPRS]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 011
SOV REF: 005

Card 1/1

L 9519-66 EWP(w)/EWA(d)/T/EWP(t)/EWP(z)/EWP(h) JD
ACC NR: AP6002637

SOURCE CODE: CZ/0032/65/015/002/0127/0130

AUTHOR: Jakobova, A. (Engineer); Prnka, T. (Engineer)

36
B

ORG: Research Institute for Metallurgy, VZKG, n. p., Ostrava (Vyskumny ustav metalurgicky VZKG, n. p.)

TITLE: Ferrite-pearlite steels for heavy forgings

SOURCE: Strojirenstvi, v. 15, no. 2, 1965, 127-130

TOPIC TAGS: ferritic steel, pearlitic steel, metal property, solic mechanical property

ABSTRACT: This is the second article of a series dealing with the properties of various sorts of steel used in engineering industries. Specifications are presented in the form of tables which include chemical composition, maximum operating temperatures, mechanical properties, creep strength, physical and electrical properties and recommendations for heat treatment. All the types discussed are classified into groups on the basis of the alloys used. Several foreign types are included for comparison. This work was presented by Engr. J. Vodsek'alek, Candidate of Sciences. Orig. art. has: 7 tables. [JPRS]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 008 /
SOV REF: 002

Card 1/1

L 18789-66 EWA(d)/EWP(t) JD

ACC NR: AP6010881

SOURCE CODE: CZ/0034/65/000/010/0694/0702

AUTHOR: Myslivec, Theodor (Engineer; Candidate of sciences); Foldyna, Vaclav (Engineer; Candidate of sciences); Prnka, Tasilo (Engineer); Chvojka, Jan (Engineer)

ORG: Kl. Gottwald Vitkovice Iron Works, Ostrava (Vitkovicke zelezarny Kl. Gottwalda)

TITLE: Comparing the effect of operating conditions in electric- and open-hearth furnaces upon the properties of low-alloyed steel grades for high-duty service 32

SOURCE: Hutnicke listy, no. 10, 1965, 694-702 B

TOPIC TAGS: metallurgic furnace, low alloy steel, metal property, solid mechanical property, heat resistant steel, metal heat treatment

ABSTRACT: The most important factors observed in the manufacture of heat-resistant steels (Czechoslovak standards Nos 15110, 15111, 15123) in electric- and open-hearth furnaces with different technological processes were evaluated. The conclusions are as follows: 1) Heat-resistant steels manufactured in open-hearth furnaces are equivalent to electric-furnace steels from the viewpoint of mechanical properties, at room or high temperatures. 2) The regimes for heat treatment must be kept strictly identical for the open-hearth heats as well as for the electric-furnace heats; the regime of heat treatment influences in a decisive manner the mechanical properties of the steel. 3) The so-called semi-diffusion process for the manufacture of heat-resistant steels in open-hearth furnaces permits the better utilisation of furnace capacity than do the other open-hearth processes tested. Orig. art. has: 13 figures and 4 tables. [JPRS]

SUB CODE: 11, 13, 20 / SUBM DATE: none / ORIG REF: 007 / OTH REF: 001 / SOV REF: 001
Card 1/1 UDC: 669.141.243: 669.141.247: 669.15-194.2

I 34933-66 EWP(t)/ELI IJP(c) JD/JG
 ACC NR: AP6026630 SOURCE CODE: CZ/0034/66/000/004/0265/0269

AUTHOR: Prnka, Tasilo (Engineer); Foldyna, Vaclav (Engineer; Candidate of sciences)
 ORG: Research Institute for Metallurgy, VZKG, Ostrava (Vestav metalurgicky VZKG)

TITLE: Influence of Mo on heat resistance of low carbon CrMoV steels

SOURCE: Hutnicke listy, no. 4, 1966, 265-269

TOPIC TAGS: low carbon steel, heat resistance, molybdenum

ABSTRACT: The influence of Mo on the heat resistance of steels containing 0.12% C, 0.5% Cr, 0.25% V was investigated. In the range of up to 1% Mo a maximum was reached at 0.5% Mo; between this value and a full 1% no improvement in the resistance was observed. There were even some indications that the heat resistance may be reduced. Orig. art. has: 7 figures and 5 tables. [Based on authors' Eng. abst.] [JPRS: 36,646]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 001

Card 1/1 JLR

UDC: 669.14.018.44 669.15.28-194

0/T/ENP(t)/ETI JD

SOURCE CODE: GE/0029/66/001

asilo (Ostrava); Foldyna, Vaclav (Ostrava)
 Institute for Metallurgy at Witkowitz Iron Works, Ostrava,

for the evaluation of long-term creep tests [This paper was
 presented at the International Colloquium on "Long-term Behavior of Heat-
 Resistant Steels" of the GDBH held in Magdeburg on 9 and 10 December 1965.]

SOURCE: Neue Hutte, no. 4, 1966, 235-239

TOPIC TAGS: metal test, creep mechanism

ABSTRACT: It was shown that the relationship between the logarithm of the
 mean breaking time and the initial tension for a given temperature can be
 best rendered in a diagram in which intersections of three lines represent
 the required data. A diagram of this type can be employed in a wide range
 of tensions. The relationships so established apply to both melts and
 the steels themselves. The mechanisms involved in the lines on the dia-
 gram were discussed and the possibility of deriving parametric equations
 for extrapolating beyond the range covered in the experiments was con-
 sidered. Orig. art. has: 3 figures, 6 formulas and 1 table. [JPRS: 36,646]

SUB CODE: 11, 20 /
 013

SUBM DATE: 30Dec65

ORIG REF: 002 / SOV REF: 001

L 31240-66 EWP(t)/ETI IJP(c) JD SOURCE CODE: CZ/0032/66/016/002/01001
 ACC NR: AP6022841

AUTHOR: Jakobova, A. (Engineer); Prnka, T. (Engineer)
 ORG: Metallurgical Research Institute, Klement Gottwald Iron Works in Vitkovice
 National Enterprise, Ostrava (Vyzkumny ustav metalurgicky VZKG, n.p.)

TITLE: Heat-resisting 12% chromium steels employed for power generating sets

SOURCE: Strojirenstvi, v. 16, no. 2, 1966, 103-112

TOPIC TAGS: electric generator, chromium steel, heat resistant steel, power generating station, mechanical property, metal physical property, austenitic steel

ABSTRACT: The article presents a series of tables specifying all the mechanical and physical properties of 12% heat-resisting chromium steels used at plants manufacturing generating sets for power stations. These steels have recently been improved by adding additional elements which extend the range of their application to 600°C. They can replace more expensive austenitic steels. This paper was presented by Engineer, Candidate of Sciences J. Vodsedalek. Orig. art. has: 10 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 11, 10 / SUBM DATE: none / ORIG REF: 007 / SOV REF: 005
 OTH REF: 007

UDC: 620.9:669.15.26-194:669.14.018.4

L 3755-66 EWA(d)/EWP(t)/EWP(z)/EWP(b) JD

ACCESSION NR: AP5027819

CZ/0057/65/000/001/0035/0040

AUTHOR: Foldyna, V. (Engineer, Candidate of sciences); Kvetensky, M. (Engineer);
Prnka, T. (Engineer)

TITLE: Heat resisting steels for manufacture of piping for steam turbines and
boilers using high pressure and temperature steam

SOURCE: Hutnik, no. 1, 1965, 35 - 40

TOPIC TAGS: heat resistant steel, pipe, steam boiler, steam turbine, chromium
steel

ABSTRACT: Ferritic-perlitic steels can be used only up to 580°C ;
12% Cr steels can be used up to 620°C. Tables giving limiting
factors in the use of these two kinds of steels are presented.
Modified 12% Cr steels are reviewed; influence of the addition
of Mo is evaluated. Technology of manufacturing steam piping
of various diameters is described. Methods of welding high-duty
steam piping are discussed. Orig. art. has: 5 tables; 7 graphs.

ASSOCIATION: VZKG, Ostrava
Card 1/2

L 3755-66

ACCESSION NR: AP5027819

SUBMITTED: 00

ENCL: 00

SUB CODE: MM, IE

NO REF SOV: 001

OTHER: 005

JPRS


Card 2/2

JAKOBOVA, A., inz.; PRNKA, T., inz.

Ferrite-pearlite steels for heavy forging. Strojitranstvi 15
no.2:127-130 F '65.

1. Research Institute of Metallurgy of the Vitkovické zelezarny
Klementa Gottwalda National Enterprise, Ostrava.

PRNKA, T., inz.; FOLDYNA, V., inz. CSc.; JAKOBOVA, A., inz.

Heat resistance of the 15 110, 15 111, 15 123 and 15 225 boiler steels. Strojirenstvi 14 no.12:918-928 D '64.

1. Research Institute of Metallurgy of the Vitkovické železárny
Klementa Gottwalda National Enterprise, Ostrava.

FOLDYNA, Vaclav, ins. CSc.; PRNKA, Tasilo, ins.

Remarks on Czechoslovak Standard 42 0285 : Regulations for
Processing Alloy Steels of Class 13 and 15 and Casting Steels
of Class 27 and 28. Normalisace 12 no.12:340-342 D '64.

1. Research Institute of Metallurgy of the Vitkovické železárny
Klementa Gottwalda National Enterprise, Ostrava.

PROAKURINA/E. M.

E.M. Proakurina, I.S. Astapovich

The Ashkhabad Astrophysical Laboratory

Astronomical Journal Acad of Sci, USSR, Moscow

28, 4, July-Aug. 1951, 278-284

From: Monthly list of Russian Accessions, Sept. 1951,
Vol. 4, No. 6, p. 19

GIBINSKI, Kornel; PROBA, Bronislaw; BARA, Boleslaw

~~XXXXXXXXXXXXXXXXXXXX~~
Analysis of time connections in ballistocardiography. Polskie
arch. med.wewn. 25 no.2:271-282 '55.

1. Z III Kliniki Chor.Wewnetrznych Sl.A.M. w Bytomiu. Kierownik:
prof. dr. K. Gibinski. III Klinika Wewn.Slaskiej A.M. Bytom,
Batorego 15.

(BALLISTOCARDIOGRAPHY,
time connections)

PROBA, Bronislaw

~~PROBA, Bronislaw~~
Case of Kartagener syndrome. Polskie arch.med.wewn. 25 no.5:995-998 1955.

1. Z III Kliniki Chorob Wewnętrznych S. A.M. Kierownik: prof.dr.
med. K. Gibinski.
(KARTAGENER TRIAD, case reports,)

PROBA B
EXCERPTA MEDICA Sec.18 Vol.1/7 Cardiovascular July 57

1917. PROBA B. Okreslenie cwskaznika rokowniczego' w zawale miesnia serca
Determination of prognostic index in the course of myocardial infarction Przegl. Lek.
1957, 13/2 (44—49) Graphs 2 Tables 1

The author discusses the views of different writers concerning shorter rating time in cases of myocardial infarction. The most practicable and suitable method seems to be the scheme proposed by Schnur who introduced the term of "Pathologic Index Rating". This index is based on figure values by means of which the different symptoms of diseases which influence the rating are defined. Basing on the "Pathologic Index Rating" of Schnur, the author examined 62 patients with myocardial infarction and in connection with these observations came to the conclusion that the scheme of Schnur makes it possible to state the probable rating time in cases of myocardial infarction. The far better results achieved by the author in all groups of patients examined are to be interpreted by the introduction of anticoagulants into medical treatment which Schnur did not apply in his patients. Schnur's scheme is nevertheless very useful in medical practice. Mikulowski - Cracow (XVIII, 6*)

PROBA B.

EXCERPTA MEDICA Sec.18 Vol.2/4 Cardiovascular Dis. Apr 58

1049. *Case of atrial infarction, diagnosed during lifetime* Przypadek zawału przedsionka serca rozpoznany klinicznie. PROBA B. III Klin. Chor. Wewn. Śląskiej A. M., Bytom *Pol. Arch. Med. wewn.* 1957, 27/6 (823—830) Graphs 2 Illus. 3

By post-mortem examination an infarction in the interventricular septum involving at the same time the posterior wall of both atria was found. Repeated ECG examinations showed a non-changing picture of the left bundle-branch block. The P waves presented a similar development as seen in T waves in ventricular infarction over a period of several weeks. (XVIII, 6)

PROBA, Bronislaw

Senile gastric ulcer. Pol. tyg. lek. 17 no.49:1907-1912 3 D '62.

1. Z Oddziału Wewnętrznego Szpitala im. Dr A. Mieleckiego w Chorzowie;
ordynator: dr med. Br. Proba.
(STOMACH ULCER)

POLAND

PROBA, Bronislaw, Municipal Hospital (Szpital Miejski) No 3 in Chorzow.

"Stomach Ulcer in Old People."

Warsaw, Polski Tygodnik Lekarski. Vol 17, No 49, 3 Dec 62, pp 1907-1912.

Abstract: [Author's English abstract modified] Stomach ulcer in old people seems to exhibit different pathophysiological symptoms and clinical picture than in young people. A study of 26 cases is reported in this article. Of the 26 references, four are Polish, three western, and the rest German.

1/1

PROBA, Bronislaw

On "Pickwick syndrome". Polski tygod. lek. 14 no.48:2109-2111
30 Nov 59.

1. (Z III Kliniki Chorob Wewnętrznych Sl. A. M. w Bytomiu; kierownik
prof. dr med. Gibinski).
(OBESITY, compl.) (CARDIOVASCULAR DISEASES, etiol.)

~~ERONA~~ Leonislaw

Isolated malignant granuloma of the stomach. Polski tygod. lek. 14
no. 43:1908-1910 26 Oct 59.

1. (Z III Kliniki Chorob Wewnetrznych Sl. A. M. w Rytomiu; kierownik:
prof. dr med. K. Gihinski).

(HODGKIN'S DISEASE, case reports) (STOMACH, neopl.)

MACHON, Jozef, inz; GEBICKI, Zbigniew, mgr., inz.; CYRYLOWSKI, Jerzy, inz.;
MATYSZCZAK, Stanislaw; KALUZNY, Jan; SKALSKI, Jan; PROBA, Leon;
SYRUNOWICZ, Wieslaw, inz.; LUBRYCHT, Czeslaw, mech.

Works distinguished and rewarded in the 5th General Polish Competition
in the field of saving electric power. Energetyka przem 10 no.4:146-
148 Ap '62.

1. Zaklady Azotowe im. P. Findera, Chorzow (for Machon).
2. Przemysl Weglowy, Gliwice (for Gebicki).
3. Fabryka Sprzetu
Elektrotechnicznego, Szczecin (for Cyrylowski and Matyszczak).

PROBA, T.

Survey of topics of the institutes of the chemical industry in 1957. p. 112.
(CHEMIK, Vol. 10, no. 4, Apr. 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9 Sept. 1957 Uncl.

PROBALD, Ferenc ..

Significance of city energy sources in the climate of Budapest.
Idojaraa 67 no.3:162-165 My-Je '63.

BARTHA, Zsuzsa; PROBALD, Ferenc

Investigation of daily and yearly course of the capacity factor in
Hungary. Idejaras 65 no.4:249-251 J1-Ag '61.

L 35962-66 FCC

ACC NR: AP6027393

SOURCE CODE: HU/0033/65/069/006/0370/0374

AUTHOR: Probald, Ferenc

17

ORG: none

B

TITLE: City effects on the visibility in Budapest

SOURCE: Idojaras, v. 69, no. 6, 1965, 370-374

TOPIC TAGS: atmospheric contamination, atmospheric wind

ABSTRACT: The visibilities, expressed in kilometers, were measured in Budapest daily at 14.00 hours at the Kitaibel Pal street Observatory of the National Institute for Meteorology (Orszagos Meteorologiai Intezet Kitaibel Pal Utcai Obszervatoriuma) in Budapest for the 1954-1963 period. The annual, monthly, weekly, and daily course of the variations was determined and effects of such phenomena as wind and urban atmospheric pollution were evaluated. The data were presented in some detail. It was concluded that the urban effect was considerable. Orig. art. has: 6 figures and 3 tables. [JPRS: 34,270]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 004

ms
Card 1/1

0911

0520

PROBATOV, A. N.

Map: KARSKAYA, guba.

OSU-Am 2334

S-49

Probatov, A. N.: Karskaya Guba i Reka Kara

Izv. Gos. Geogr. Obsh., Vol. 68, pp. 505-520, 1936

American Geographical Society, New York, N. Y.

Description of the Kara Bay and of the River Kara.

Map, scale 1:210,000.

12

PROBATOV, A.

PA 58T74

USSR/Medicine - Fish
Medicine - Food

May 1947

"Peculiarities in the Feeding of Fish in Reservoirs
in the Far North," A. Probatov, 2 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LVI, No 6

Describes research on habits of fish in Far North
which shows that goby fish feed intensively during
winter and Eleginus Navaga also feeds at this time.
Neither fish decreases rate of feeding during spawn-
ing period. Submitted by Academician I. I. Shmal'-
gauzen, 22 Nov 1946.

58T74

PROBATOV AN.

Author: Probatov, AN.

Title: Infiltration of heat-loving fish into the waters of Sakhalin.

Journal: Izvestiya Akademii Nauk SSSR, 1951, Vol.77, No.1, p. 145

Subject: Zoology

From: D.S.I.R. Oct 5

GTRSPL Vol. 5-No. 1 Jan. 1952

Probatov, A.N. and Shelegova, E.K., Fall approach of herring to the shores of Aniva Bay,
601-4

Akademiya Nauk, S.S.S R., Doklady Vol. 78, No. 3, 1951

PROBATOV. A. N.

USSR/Meteorology - Hydrometeorological Service May 52

"Letters to the Editor"

"Meteorol i Gidrol" No 5, pp 29-51

A. I. Mishkarev (Kazan Hydrometeorol Office): "An Account of the Effectiveness of the Hydrometeorological Service to the People's Economy" I. N. Yaroslavtsev (Tashkent Geophys Obs); "Noonday Values of the Intensity of Direct Solar Radiation in Tashkent." I. Ye. Buchinskiy (Kiev Admin of Hydrometeorol Sv of Ukrainian SSR): "Problem of the Change in Climate of Ukrainian SSR During the Historical Epoch." M. P. Leonov (Odessa Hydrometeorol Inst): "Reduction of Pressure to Sea Level at Stations at Considerable Altitudes." A. M. Alpat'yev (Leningrad All-Union Inst of Plant Cultivation): "Evaporability as Approximate Index of Water Needs of Agricultural Crops." V. K. Golyatin, Main Admin of Hydrometeorol Sv); "Problem of the Organization of Enlarged Regional or Reservoir Hydro-meteorological Stations." Yu M. Krylov (Moscow State Oceanographic Inst): "Mechanism governing the Growth of Wind Waves." A. N. Probatov and Ye K. Shelegova (Yablochnoye, Sakhalin Oblast): "Herrings Along the West Shore of South Sakhalin."

229T87

PROBATOV, A. N.

Meteorological Abst.
Vol. 4 No. 11
Nov. 1953
Soil Temperature

4.11-171

551.526.6:639.222.2(265:57)

Probatov, A. N. and Shelegova, E. K., K metodike predskazaniia srokov nachala neresta sel'di u zapadnogo poberezh'ia Iuzhnogo Sakhalina. [On the methods of forecasting the beginning of herring spawning on the western coast of South Sakhalin.] Meteorologiya i Gidrologiya, No. 5:51-53, 1952. DLC--The water temp. observations for 16-18 years were used for investigation of relation between the time of herring spawning and the thermal state of sea. Correlation coefficient for Jan. (-0.09) showed no relation. For Feb. and March coefficients of $r = -0.64$ and 0.62 were found. Thus for the forecasting of probable date of herring spawning the water temp, characteristics observed in Feb. can be used. The experimental forecasts established the date of spawning for 1949 as April 5 (the actual beginning of spawning was on April 6) and for 1950 between April 12-15 (the actual beginning was on April 12). Subject Headings: 1. Sea temperatures 2. Herring fisheries 3. Sakhalin, U.S.S.R.—N.T.Z.

PROBATOV, A.H., Prof.

Sharks

Shark (*Isuropsis glauca*) in the waters off Sakhalin. Priroda 41, no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, SEPTEMBER 1952 ~~1953~~ Unclassified.

PROBATOV, A.N.; KOZLOV, B.M.

Autumn movement of De-Kastri herring toward the shores of northern
Tatar Strait. Vop. ikht. no. 2:21-24 '54. (MIRA 8:5)

1. Sakhalinskoye otdeleniye Tikhookeanskogo nauchno-issledovatel'-
skogo instituta rybnogo khozyaystva i okeanografii.
(Tatar Strait--Herring)

PROBATOV, A. N.

Numerical distribution of spawning herring off the eastern shores of the Sea of Japan. Truly probl.i tem.sov. no.6:140-143 '56.

(MLRA 9:11)

1. Sakhalinskoye otdeleniye Tikhookeanskogo instituta rybnogo khozyaystva i okeanografii.

(Japan, Sea of--Herring fisheries)

PROBATOV, A. N.,

"Fluctuations in the Quantity of Sakhalin, Herring in Connection with Oceanographic Conditions," Oceanographic Research of the Northwestern Part of the Pacific Ocean Moscow, Izd-vo AN USSR, 1958. (Fluctuations in Herring quantity are the direct result of intensity and temperature variations in the Kuroshio Current. The index of the possible herring catch fluctuates between 30,000 and 40,000 tons.)

COVERAGE: This collection of articles reports the results of observations made in the Pacific by the Institute of Oceanology of the Academy of Sciences, USSR. In 1949, the Institute launched a systematic five-year program of scientific exploration of certain hydrographic peculiarities of the Soviet Pacific area. The operations were carried out as a "Complex Oceanographic Expedition," using the motorboat Vityaz' as its base. The Expedition worked in collaboration with the Hydrographic Institute of the Soviet Navy (VMS), the Pacific Institute of Piscatology and Oceanography and some 40 other institutes of the Academy of Sciences. Between 1949 and 1954, 18 trips were made, covering about 130,000 miles. Among the subjects of direct concern were: meteorology, hydrology, oceanology, hydrochemistry, sedimentation, geography of the littoral, geology and contours of the sea bottom, fauna, plankton, microbiology, and gravimetry. Twenty-eight authors contributed to the collection which consists of 27 articles.

PROBATOV, A.N.

Variations in the population of Sakhalin herring depending on
oceanographic conditions. Trudy Okean. kom. 3:124-125 '58.

(MIRA 11:8)

(Sakhalin--Herring)

BARSUKOV, Nikolay Aleksandrovich; PROBATOV, Aleksandr Nikolayevich;
SEEBALIN, Oleg Dmitriyevich; GRINSHTEYN, I., red.; NIKOLAYEVA,
T., tekhn.red.

[The Baltic Sea; a geographical essay] Baltiiskoe more;
geograficheskii ocherk. Kaliningrad, Kaliningradskoe
knizhnoe izd-vo, 1959. 92 p. (MIRA 12:8)
(Baltic Sea)

BERENBEYM, D.Ya.; PROBATOV, A.N.

More promising areas for the fishing industry based on data
from oceanographic studies. Okeanologiya 3 no.2:308-312 '63.
(MIRA 16:4)

1. Kaliningradskiy tekhnicheskoy institut rybnoy promyshlennosti
i khozyaystva.

(Fisheries)

PROBATOV, A.N.

Distribution and behavior of sardines (*Sardinella aurita*) at the coast of West Africa depending on oceanographic conditions. Trudy Okean kom. 10 no.4:68-70 '60. (MIRA 14:3)

1. Baltiyskiy nauchno-issledovatel'skiy institut rybnogo khozyaystva i okeanografii.

(Dakar region--Sardines) (Takoradi region--Sardines)

PROBATOV, V.P.

PROBATOV, V.P. (Leningrad)

Studies of skin condition in peptic ulcer and in gastric cancer.
Klin. med. 32 no.4:86-87 Ap '54. (MLRA 7:7)

1. Iz bol'nitsy Oktyabr'skoy zheleznoy dorogi (glavnyy vrach
N.I.Pronin)

(PEPTIC ULCER, physiology,

*skin, chem. reactivity)

(STOMACH, neoplasms,

*physiol., skin, chem. reactivity)

(SKIN, in various diseases,

*peptic ulcer & gastric cancer, chem. reactivity)

PROBATOV, V.P. (Leningrad)

Studies of skin condition in peptic ulcer and in gastric cancer.
Klin. med. 32 no.4:86-87 Ap '54. (MLRA 7:7)

1. Iz bol'nitsy Oktyabr'skoy zheleznoy dorogi (glavnyy vrach
N.I.Pronin)

(PEPTIC ULCER, physiology,

*skin, chem. reactivity)

(STOMACH, neoplasms,

*physiol., skin, chem. reactivity)

(SKIN, in various diseases,

*peptic ulcer & gastric cancer, chem. reactivity)

PROBATOV, V. P.

Ulcers

Investigation of the condition of the skin in peptic ulcer and gastric cancer.
Klin.med. 30 no. 7, 1952

9. Monthly List of Russian Accessions, Library of Congress, December 195^X₂, Uncl.

PROBATOV, V.P.

Skin

Investigation of the condition of the skin in peptic ulcer and gastric cancer.
Klin. med. 30 No. 7, 1952.

Monthly List of Russian Accessions. Library of Congress, December 1952. UNCLASSIFIED

EXCERPTA MEDICA Sec 7 Vol 13/6 Pediatrics June 59

1193. PECULIARITIES OF HEMOGLOBIN METABOLISM IN CASE OF TOXICO-SEPTIC STATE OF PREMATURELY BORN CHILDREN (Russian text) - Probatova L. E. and Fokina T. V. - PEDIATRIYA 1957, 11 (18-22) Tables 3

Report on 19 children (birth weight 1 to 2 kg.), who developed severe toxic-septic complications in the first 2 months of life (exsiccosis, toxicosis, loss of weight, vomiting, jaundice and frequent stools; in 6 children suppurating mastoiditis). The relatively high haemoglobin value during the acute stage is explained by inspissation of the blood. Real anaemia, often associated with high reticulocyte counts and peripheral normoblasts and erythroblasts, became manifest during the stage of recovery. In the haemoglobin metabolism, 2 periods were distinguished: The quantity of bilirubin excreted with the faeces was reduced at first, due to vomiting of considerable amounts of bilirubin. As soon as the vomiting stopped, the bilirubin excretion through the stools increased to far beyond that in normal premature births, manifesting an increased haemolysis. The stools of some children contained, besides bilirubin, stercobilin (up to 6 mg. in 24 hr.), whereas the normal premature child does not excrete stercobilin during the first 3 to 4 months of life. The haematological findings of each child are presented in tabular form, as are also the excretion quantities of bilirubin (up to twice normal). Blood transfusions are recommended as treatment.

Hanssler - Tübingen

PROBATOVA, L.Ye.; MIYESEROVA, Ye.K.

Certain indicators of nonspecific immunity in premature infants during
the first months of life. *Pediatrics* 38 no. 3:55-59 Apr '60.

(MIRA 14:1)

(INFANTS (PREMATURE)) (COMPLEMENTS (IMMUNITY))
(PHAGOCYTOSIS)

PROBATOVA, L. Ye.

(2)

Peculiarities of hemoglobin metabolism in premature children. T. V. Tokina and L. E. Probatova. *Pediatrics* 1953, No. 5, 17-23.—Bilirubin is the terminal product of decompn. of hemoglobin in premature children in the first months of life. Stercobilin may appear in small amounts after 1-2 months usually in connection with some disease or with dietary change. Excretion of pigments is very high in the first 1.5-2 months after birth and declines by 3-5 months. Blood hemoglobin drops severely during the first 2 months, then the fall becomes less precipitous. Blood reticulocytes are at first scarce, then rise significantly during 2nd or 3rd months of life. In anemia of premature children, hemolysis during the first 1.5-2 months is much more significant than it is in normal children.

G. M. Kosolapoff

PROBATOVA Lye

✓ Peculiarities of hemoglobin metabolism in some diseases of premature children in connection with their development. L. B. Probatova and T. V. Fokina (Inst. Pediatr., Acad. Med. Sci., Moscow). *Pediatrya* 1955, No. 4, 35-40. MD
During the 1st month of life premature children usually have 20% more hemoglobin than normal with 5-7 million erythrocytes/cu. mm., but at the end of the 1st month the hemoglobin drops to 60-80% of normal and erythrocyte count to 3-4 million, with considerable elimination of bilirubin. In the 2nd month the hemoglobin tends to be subnormal as is the no. of erythrocytes. Disease serves to aggravate the anemic state. G. M. Koslanoff

(1)

PROBATOVA, L. Ye.

USSR/Medicine

FD-2788

Card 1/1 Pub 154-9/19

Author : Polikanina, R. I.; Probatova, L. Ye

Title : Development of orientational reaction to a sound stimulus
 in premature infants

Periodical : Zhur. vys. nerv. deyat. 5, 227-236, Mar-Apr 1955

Abstract : Gives results of systematic observations of the de-
 velopment of the orientational reflex to sound stimulus
 in infants of various degrees of prematurity, during the
 first months of their postnatal life. Table; graphs.
 Fourteen references, all USSR (10 since 1940).

Institution : Laboratory of Comparative Ontogeny of Nervous Activity of
 the Institute of Physiology of the Academy of Medical Sci-
 ences USSR and the Department of Premature Infants of the
 Institute of Pediatrics of the Academy of Medical Sciences
 USSR

Submitted : December 3, 1954

PROBATOVA, L. Ye.
USSR/Medicine

FD-2789

Card 1/1 Pub 154-10/19

Author : Polikanina, R. I.; Probatova, L. Ye.

Title : The formation and development of a conditioned motor nutritive reflex to sound in premature infants

Periodical : Zhur vys. nerv. deyat. 5, 237-246, Mar-Apr 1955

Abstract : Investigated the formation and development of a conditioned motor nutritive reflex to sound stimulus in ten infants of various degrees of prematurity during the first months of their postnatal life. Tables; graphs. Three references, all USSR (2 since 1940).

Institution : Laboratory of Comparative Ontogeny of Nervous Activity of the Institute of Physiology of the Academy of Medical Sciences USSR and the Department of Premature Infants of the Institute of Pediatrics of the Academy of Medical Sciences USSR

Submitted : December 3, 1954

PROBATOVA, L.Ye., kandidat meditsinskikh nauk (Moskva)

Care of premature infants in rural regions. Fel'd. i akush. 21
no.4:52-55 Ap '56. (MLRA 9:8)

(INFANTS (PREMATURE)--CARE AND HYGIENE)

Probatova, L.Ye.

PROBATOVA, L.Ye.; FOKINA, T.V.

Peculiarities of hemoglobin metabolism in septic infections and
toxicosis in infants. *Pediatrics* no.11:18-22 N '57. (MIRA 11:2)

1. Iz Instituta pediatrii AMN SSSR (dir. - chlen-korrespondent AMN
SSSR prof. O.D.Sokolova-Ponomareva)
(INFANTS--DISEASES) (HEMOGLOBIN)

PROBATOVA, L.Ye., kand.med.nauk; MIYESEROVA, Ye.K., kand.med.nauk

Phagocytic activity of the leucocytes in the blood of premature infants. Vop.okh.mat.i det. 7 no.9:45-49 S '62. (MIRA 15:12)

1. Iz kliniki nedonoshennykh detey i mikrobiologicheskoy laboratorii Instituta pediatrii (dir. - dotsent M.Ya.Studenikin) AMN SSSR.

(PHAGOCYTOSIS)(INFANTS (PREMATURE))

PROBATOVA, L.Ye.; POLIKANINA, R.I.

Characteristics of respiration in premature infants during their first months of life. *Pediatrics* 37 no.10:9-15 O '59.

(MIRA 13:2)

1. Iz Instituta normal'noy i patologicheskoy fiziologii i otdeleniya nedonoshennykh detey Institut a pediatrii AMN SSSR.

(RESPIRATION physiol.)

(INFANT PREMATURE physiol.)

USSR / Human and Animal Physiology. Growth Physiology.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 69736

Author : Polikanina, R. I.; Probatova, L. Ye.

Inst : Not given

Title : Growth of Orientative Reactions and of a Motor Feeding
Conditioned Reflex to Light in Premature Infants

Orig Pub : Zh. vyssh. nervn. deyat-sti, 1957, Vol 17, No 5, 673-682

Abstract : In 17 infants born 1-1½ months (I) prematurely, 2-2½ months (II) and three and more months prematurely (III), motor feeding conditioned reflexes (CR) to light, with a delay of five to ten seconds, were elaborated. In I, the CR was elaborated on the 22nd-39th day of postnatal life, in II on the 34th-47th day of life, and in III on the 59th-75th day. In infants of like prematurity but of differing weight, the CR was elaborated more quickly in the heavier infants. The orientation reaction (OR) was at first rather

Card 1/2

USSR / Human and Animal Physiology. Growth Physiology.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 69736

diffuse, and this stage persisted longer in groups II and III than in I. The appearance of a clear-cut OR preceded the elaboration of the CR. With stabilization of the CR, the OR began to diminish. The CR was elaborated more quickly via the auditory analyzer than via the visual analyzer. -- M. I. Lisina

Card 2/2

PROBATOVA, L. Ye.

POLIKANINA, R. I.; PROBATOVA, L. Ye.

Development of orientation reactions and of conditioned digestive motor response to light in premature infants [with summary in English]. Zhur.vys.nerv.delat. 7 no.5:673-682 S-O '57. (MIRA 10:12)

1. Laboratoriya sravnitel'nogo ontogeneza nervnoy sistemy Instituta normal'noy i patologicheskoy fiziologii AMN SSSR. Otdelenie dlya nedonoshennykh detey Instituta pediatrii AMN SSSR.

(REFLEX, CONDITIONED,

motor digestive reflex to light & orientation reaction in prematures (Rus))

(INFANT, PREMATURE, physiology

conditioned motor digestive reflex to light & orientation reaction (Rus))

PROBATOVA, L. Ye.

POKINA, T.V., kandidat meditsinskikh nauk; PROBATOVA, L.Ye., kandidat meditsinskikh nauk

Effect of blood plasma transfusions on hemoglobin metabolism in premature infants. *Pediatrics* 39 no.5:79 S-O '56. (MLRA 10:1)

1. Iz Institutapediatrii Akademii meditsinskikh nauk (dir. - chlen-korrespondent Akademii meditsinskikh nauk SSSR, professor O.D. Sokolova-Ponomareva)
(BLOOD PLASMA) (INFANTS (PREMATURE)) (HEMOGLOBIN)

PROBATOVA, L.Ye.

Treatment of anemia in premature infants. *Pediatrics* 39 no.5:7-11
(MLRA 10:1)
S-0 '56.

1. Iz Instituta pediatrii AMN SSSR (dir. - chlen-korrespondent AMN
SSSR prof. O.D.Sokolova-Panomareva)
(ANEMIA, in infant and child,
premature, ther. (Rus))
(INFANT, PREMATURE, diseases,
anemia, ther. (Rus))

PROBATOVA, L.Ye.

FOKINA, T.V.; PROBATOVA, L.Ye.

Nature of hemoglobin metabolism in premature infants. *Pediatrics*,
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